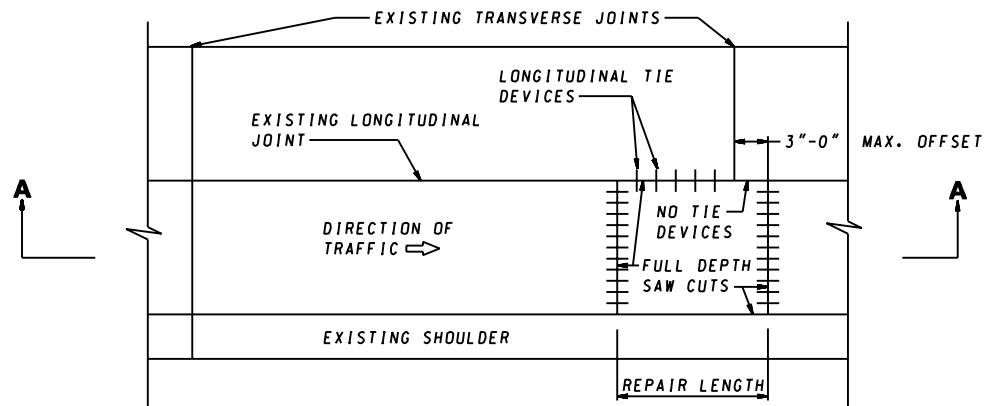
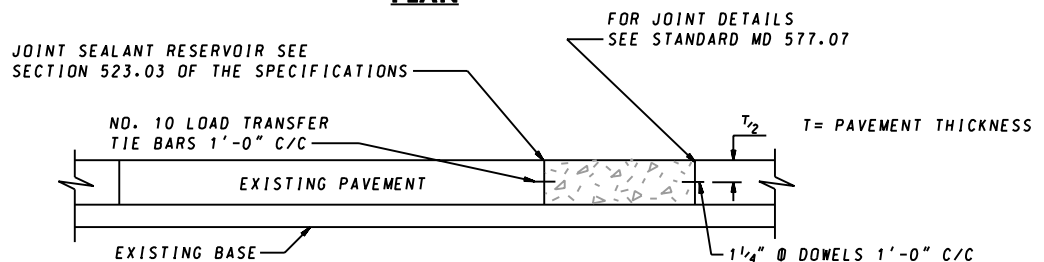


METHOD 'B' REPAIRS PERFORMED AT AN EXISTING TRANSVERSE JOINT WHEN THE REPAIR EXCEEDS 3 FT. ON ONLY ONE SIDE OF THE JOINT. (NOTE THAT THE 3 FT. OFFSET IS TO ALLOW FOR THE REMOVAL AND REPLACEMENT OF DOWELS.)



PLAN



SECTION A-A

REPAIR GUIDELINES

1. TYPE 1 REPAIRS ARE 6 FT TO LESS THAN 15 FT IN LENGTH AND DO NOT REQUIRE REINFORCEMENT. (PLAIN CONCRETE) TYPE 2 REPAIRS ARE 15 FT. AND GREATER IN LENGTH AND REQUIRE REINFORCEMENT. (REINFORCED CONCRETE) SEE METHOD 'D' ON STANDARD 577.05 FOR STEEL REINFORCEMENT DETAILS.
2. REPAIR SLABS AND REMAINS OF EXISTING SLABS SHALL NOT BE LESS THAN 6 FT. IN LENGTH.
3. EXISTING DOWELS AND ASSEMBLIES SHALL BE COMPLETELY REMOVED WHEN A REPAIR IS PERFORMED AT A TRANSVERSE JOINT.
4. ALL REPAIRS OFFSET MORE THAN 3 FT. ON EITHER SIDE OF AN EXISTING TRANSVERSE JOINT SHALL BE EXTENDED TO A MINIMUM OF 6 FT AND DOWEL ASSEMBLIES SHALL BE PLACED ADJACENT TO THE EXISTING TRANSVERSE JOINTS AS SHOWN IN REPAIR METHOD "C" ON STANDARD MD 577.04.

NOTES

1. REPAIRS SHALL BE MADE IN ACCORDANCE WITH SECTION 522 OF THE SPECIFICATIONS.
2. REPAIRS SHALL BE MADE USING CONCRETE MEETING THE REQUIREMENTS OF SECTION 522.02 OF THE SPECIFICATIONS.
3. SUBGRADE PREPARATION SHALL BE IN ACCORDANCE WITH SUBSECTION 522.03.04 OF THE SPECIFICATIONS AND MAY REQUIRE ADDITIONAL MATERIAL TO FACILITATE PLACEMENT OF LOAD TRANSFER DEVICES.
4. HOLES FOR THE DOWELS AND LOAD TRANSFER TIE DEVICES SHALL BE DRILLED SIMULTANEOUSLY TO THE REQUIRED DEPTH USING FRAME MOUNTED DRILLS WHICH WILL MAINTAIN THE DRILLS IN A LONGITUDINALLY PARALLEL POSITION.
5. JOINTS SHALL BE MADE IN ACCORDANCE WITH SECTION 520 OF THE SPECIFICATIONS AND STANDARD MD 577.07.
6. ALL LOAD TRANSFER TIE BARS AND DOWELS SHALL BE EPOXY COATED.
7. SEE STANDARD MD 577.01 FOR PAVEMENT REPAIR SAW CUTS FOR LIFT OUT METHOD.

SPECIFICATION 522	CATEGORY CODE ITEMS										
APPROVED	<i>Kirk G. McCall</i> DIRECTOR - OFFICE OF HIGHWAY DEVELOPMENT										
SHA State Highway Administration	<table> <tr> <td>APPROVAL • SHA REVISIONS</td><td>APPROVAL • FEDERAL HIGHWAY ADMINISTRATION</td></tr> <tr> <td>APPROVAL 3-6-86</td><td>APPROVAL 3-18-86</td></tr> <tr> <td>REVISED 10-1-01</td><td>REVISED 4-26-89</td></tr> <tr> <td>REVISED</td><td>REVISED</td></tr> <tr> <td>REVISED</td><td>REVISED</td></tr> </table>	APPROVAL • SHA REVISIONS	APPROVAL • FEDERAL HIGHWAY ADMINISTRATION	APPROVAL 3-6-86	APPROVAL 3-18-86	REVISED 10-1-01	REVISED 4-26-89	REVISED	REVISED	REVISED	REVISED
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Maryland Department of Transportation
STATE HIGHWAY ADMINISTRATION
 STANDARDS FOR HIGHWAYS AND INCIDENTAL STRUCTURES
METHOD 'B' PLAIN OR CONVENTIONALLY
REINFORCED PORTLAND CEMENT CONCRETE
PAVEMENT TYPE 1 AND TYPE 2 REPAIRS

STANDARD NO. MD 577.03